

OPTICAL RECORDING MEDIUM, OPTICAL RECORDING MEDIUM  
PRODUCING APPARATUS AND OPTICAL RECORDING MEDIUM

PRODUCING METHOD

*This application is a con of 07/911, 424 07/25/2001 PAT 6,813,237*

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to an optical recording medium such as DVD, and particularly relates to an optical recording medium in which recording tracks are formed meanderingly.

10 2. Description of the Related Art

In recent years, DVD is used as an optical information recording medium with large capacity generally and widely. In addition to Read-only DVD (DVD-ROM), the standard of DVD-RW (DVD-Re-recordable) being capable of recording and reproducing  
15 recording information is being laid down. Groove tracks are formed as recording tracks in a predetermined pattern on an optical disc according to the DVD-RW standard. The groove tracks are formed meanderingly so as to be wobbled, and a wobble signal with constant frequency is extracted at the time of recording so as to be capable of  
20 being used as a reference signal which synchronizes with rotation of the DVD-RW.

Meanwhile, since recording is possible on DVD-RW, for example, various contents data recorded on DVD-ROM can be illegally copied onto DVD-RW. Contents such as images and music are normally  
25 subject to protection of their copyright, and it is requested that illegal copying onto DVD-RW is prevented by a certain method and the copyright is protected effectively.